

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A transmission joint sealing assembly comprising:

an interconnecting shaft including a first circumference; and

a transmission joint sealing boot defined by a body portion, the body portion having a central inner cavity including a second circumference and an inner wall, said inner wall defined by said body portion and said second circumference defined by said inner wall, said second circumference being smaller than said first circumference of said interconnecting shaft so as to provide an interference fit, the body portion including a first end having a mating surface connecting with the transmission joint and a second end disposed opposite said first end wherein said body portion is manufactured from a foam base material.
2. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is foam rubber.
3. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell material.
4. (Original) A transmission joint sealing boot as in claim 1 wherein said foam material is a closed cell silicone material.
5. (Original) A transmission joint sealing boot as in claim 1 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said transmission joint.
6. (Previously Presented) A transmission joint sealing boot as in claim 1 wherein said foam based material has a density in a range from 10 kg/m³ to 27 kg/m³.

7. (Original) A transmission joint sealing boot as in claim 1 wherein said foam based material is heat resistant to 450° Fahrenheit.

8. (Currently Amended) A constant velocity joint assembly comprising:

an interconnecting shaft including a first circumference; and

a transmission joint sealing boot defined by a body portion, the body portion having a central inner cavity including a second circumference and an inner wall, said inner wall defined by said body portion and said second circumference defined by said inner wall, said second circumference being smaller than said first circumference of said interconnecting shaft so as to provide an interference fit, the body portion including a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material;

wherein said second end of said body portion includes at least one chamfer portion formed to facilitate entry of said interconnecting shaft into said central cavity.

9. (Currently Amended) A constant velocity joint boot as in claim ~~7~~ 8 wherein said foam based material is foam rubber.

10. (Currently Amended) A constant velocity joint boot as in claim ~~7~~ 8 wherein said foam based material is a closed cell material.

11. (Currently Amended) A constant velocity joint boot as in claim ~~7~~ 8 wherein said foam based material is a closed cell silicone material.

12. (Currently Amended) A constant velocity joint boot as in claim ~~7~~ 8 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.

13. (Currently Amended) A constant velocity joint boot as in claim ~~7~~8 wherein said foam based material has a density in a range from 10 kg/m^3 to 27 kg/m^3 .

14. (Currently Amended) A constant velocity joint boot as in claim ~~7~~8 wherein said foam based material is heat resistant to 450° Fahrenheit.

15. (Previously Presented) A constant velocity joint assembly comprising:

an interconnecting shaft including a first circumference; and

a transmission joint sealing boot defined by a body portion, the body portion having a central inner cavity including a second circumference and an inner wall, said inner wall defined by said body portion and said second circumference defined by said inner wall, said second circumference being smaller than said first circumference of said interconnecting shaft so as to provide an interference fit, an outer wall defining at least one convolute, said body portion also including a first end having a mating surface contacting the constant velocity joint and a second end disposed opposite said first end and contacting said interconnecting shaft, wherein said body portion is manufactured from a foam based material.

16. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is foam rubber.

17. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell material.

18. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is a closed cell silicone material.

19. (Original) A constant velocity joint boot as in claim 15 wherein said first end mating surface includes a cage section which is shaped to mate with a cage of said transmission joint and an outer race section which is shaped to mate with an outer race of said constant velocity joint.

20. (Previously Presented) A constant velocity joint boot as in claim 15 wherein said foam based material has a density in a range from 10 kg/m^3 to 27 kg/m^3 .

21. (Original) A constant velocity joint boot as in claim 15 wherein said foam based material is heat resistant to 450° Fahrenheit.

22. (Original) A transmission joint sealing boot as in claim 1 further including at least one chamfer portion formed on the second end of the body portion to facilitate entry of the interconnecting shaft into the central cavity.